Specification for Laser Crystal shall meet the following specifications:

Items;

#1; $Tm:KPb_2Cl_5$ Spectroscopic sample
#2 $Nd:KPb_2Cl_5$ Spectroscopic sample
#3 $Ho:KPb_2Cl_5$ Spectroscopic sample
#4 $Tb:KPb_2Cl_5$ Spectroscopic sample
#5 $Pr:KPb_2Cl_5$ Spectroscopic sample
#6 $Tb:RbPb_2Cl_5$ Spectroscopic sample
#7 $Er:RbPb_2Cl_5$ Spectroscopic sample

Qty

1 of each

Description of laser crystals;

Crystal sample's dimension should be 5 x 5 x 5 mm^3
Transparency range is up to 20 micron meter
Crystal sample has good optical quality that is less than 2 wave distortion at 632nm
Doping concentration should be ~2.0 – 2.5 x 10^{20} at%/cm^3
4 surfaces are polished with S/D 20 - 10 or your best

(Line 23 should chamfered edge, corner 2 should be cut small triangle)
Polished surfaces are, 2365, 3647, 1478, and 1258
(Front surface 1234 and back surface 5876 should not polished)